

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application. Please amend Claims 1, 14, 24, 34-37, and 39 as indicated in the following Listing of Claims.

Listing of Claims

1. (Currently amended) A homopolymer or copolymer of ethylene having a polydispersity index (M_w/M_n) less than or equal to about 20, a film clarity of a 1 mil film less than or equal to about 30%, and a film haze of a 1 mil film greater than or equal to about 70%.
2. (Previously presented) The homopolymer or copolymer of Claim 1, wherein the polydispersity index is less than or equal to about 12, the film clarity is less than or equal to about 20%, and the film haze is greater than or equal to about 80%.
3. (Previously presented) The homopolymer or copolymer of Claim 1, wherein the polydispersity index is less than or equal to about 10, the film clarity is less than or equal to about 10%, and the film haze is greater than or equal to about 90%.
4. (Previously presented) The homopolymer or copolymer of Claim 1, further characterized by a density less than about 0.935 g/cm^3 .
5. (Previously presented) The homopolymer or copolymer of Claim 1, further characterized by a melt index (MI) from about 0.01 to about 10 dg/min.

6. (Previously presented) The homopolymer or copolymer of Claim 1, further characterized by a high load melt index (HLMI) from about 8 to about 180 dg/min.

7. (Canceled)

8. (Previously presented) The homopolymer or copolymer of Claim 1, further characterized by a melt strength of a 1 mil film greater than or equal to about 5.0 in.

9. (Previously presented) The homopolymer or copolymer of Claim 1, further characterized by a film coefficient of friction less than about 0.55.

10. (Previously presented) A film comprising the homopolymer or copolymer of Claim 1.

11. (Previously presented) A molded product comprising the homopolymer or copolymer of Claim 1.

12. (Original) The molded product of Claim 11, wherein the molded product is a film, a sheet, a fiber, an extrusion molded product, an injection molded product, an expansion molded product, or a blow molded product.

13. (Previously presented) The molded product of Claim 11, wherein the molded product is a multilayer product comprising more than one layer of the homopolymer or copolymer.

14. (Currently amended) A homopolymer or copolymer of ethylene having a melt index (MI) from about 0.01 to about 10 dg/min, a film clarity of a 1 mil film less than or equal to about 30%, and a film haze of a 1 mil film greater than or equal to about 70%.

15. (Previously presented) The homopolymer or copolymer of Claim 14, wherein the melt index is from about 0.03 to about 7 dg/min, the film clarity is less than or equal to about 20%, and the film haze is greater than or equal to about 80%.

16. (Previously presented) The homopolymer or copolymer of Claim 14, wherein the melt index is from about 0.05 to about 5 dg/min, the film clarity is less than or equal to about 10%, and the film haze is greater than or equal to about 90%.

17. (Previously presented) The homopolymer or copolymer of Claim 14, further characterized by a density less than about 0.935 g/cm^3 .

18. (Canceled)

19. (Previously presented) The homopolymer or copolymer of Claim 14, further characterized by a melt strength of a 1 mil film greater than or equal to about 5.0 in.

20. (Previously presented) A film comprising the homopolymer or copolymer of Claim 14.

21. (Previously presented) A molded product comprising the homopolymer or copolymer of Claim 14.

22. (Original) The molded product of Claim 21, wherein the molded product is a film, a sheet, a fiber, an extrusion molded product, an injection molded product, an expansion molded product, or a blow molded product.

23. (Previously presented) The molded product of Claim 21, wherein the molded product is a multilayer product comprising more than one layer of the homopolymer or copolymer.

24. (Currently amended) A homopolymer or copolymer of ethylene having a high load melt index (HLMI) from about 8 to about 180 dg/min, a film clarity of a 1 mil film less than or equal to about 30%, and a film haze of a 1 mil film greater than or equal to about 70%.

25. (Previously presented) The homopolymer or copolymer of Claim 24, wherein the high load melt index (HLMI) is from about 10 to about 150 dg/min, the film clarity is less than or equal to about 20%, and the film haze is greater than or equal to about 80%.

26. (Previously presented) The homopolymer or copolymer of Claim 24, wherein the high load melt index (HLMI) is from about 11 to about 100 dg/min, the film clarity is less than or equal to about 10%, and the film haze is greater than or equal to about 90%.

27. (Previously presented) The homopolymer or copolymer of Claim 24, further characterized by a density less than about 0.935 g/cm^3 .

28. (Canceled)

29. (Previously presented) The homopolymer or copolymer of Claim 24, further characterized by a melt strength of a 1 mil film greater than or equal to about 5.0 in.

30. (Previously presented) A film comprising the homopolymer or copolymer of Claim 24.

31. (Previously presented) A molded product comprising the homopolymer or copolymer of Claim 24.

32. (Original) The molded product of Claim 31, wherein the molded product is a film, a sheet, a fiber, an extrusion molded product, an injection molded product, an expansion molded product, or a blow molded product.

33. (Previously presented) The molded product of Claim 31, wherein the molded product is a multilayer product comprising more than one layer of the homopolymer or copolymer.

34. (Currently amended) A homopolymer or copolymer of ethylene having a film clarity of a 1 mil film less than or equal to about 30%, a film haze of a 1 mil film ~~at least about 60%~~ greater than or equal to 70%, and a density less than about 0.935 g/cm³.

35. (Currently amended) The homopolymer or copolymer of Claim 34, wherein the film haze of a 1 mil film is at least about ~~70%~~ 80%.

36. (Currently amended) The homopolymer or copolymer of Claim 34, wherein the film haze of a 1 mil film is at least about ~~80%~~ 90%.

37. (Currently amended) The homopolymer or copolymer of Claim 34, further characterized by a polydispersity index (Mw/Mn) less than or equal to about ~~20~~ 12.

38. (Previously presented) The homopolymer or copolymer of Claim 34, wherein the density is less than about 0.926 g/cm³.

39. (Currently amended) The homopolymer or copolymer of Claim 34, further characterized by a melt index (MI) from about ~~0.01~~ 0.03 to about ~~10~~ 7 dg/min.

40. (Previously presented) The homopolymer or copolymer of Claim 34, further characterized by a melt strength of a 1 mil film greater than or equal to about 5.0 in.

41. (Previously presented) The homopolymer or copolymer of Claim 34, further characterized by a substantially constant film haze measured at a film thickness from about 0.5 mil to about 1 mil.

42. (Previously presented) A film comprising the homopolymer or copolymer of Claim 34.

43. (Previously presented) A molded product comprising the homopolymer or copolymer of Claim 34.

44. (Original) The molded product of Claim 43, wherein the molded product is a film, a sheet, a fiber, an extrusion molded product, an injection molded product, an expansion molded product, or a blow molded product.

45. (Previously presented) The molded product of Claim 43, wherein the molded product is a multilayer product comprising more than one layer of the homopolymer or copolymer.